

NHLBI Strategic Visioning Process: Charting Our Future Together

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Objectives for Today's Webinar

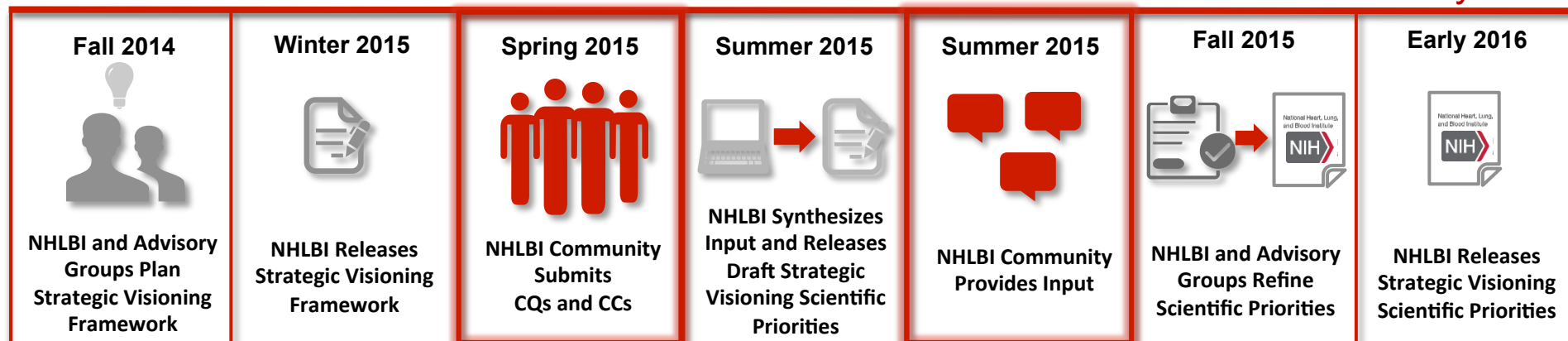
- Strategic Visioning Process -- Overview
- How to contribute to the Strategic Visioning Process
 - Strategic Goal Areas
 - Compelling Questions (CQs) and Critical Challenges (CCs)
 - Strategic Visioning Forum

Strategic Visioning Process – Overview and Community Input

Timeline

Fall 2014

Early 2016



Spring 2015
Compelling Questions and Critical Challenges Submitted for NHLBI Consideration



Summer 2015
Public Comment on Draft Strategic Visioning Scientific Priorities

Strategic Visioning Goal Areas

Goal 1: Promote Human Health

To expand knowledge of the molecular and physiological mechanisms governing the normal function of heart, lung, blood, and sleep systems as essential elements for sustaining human health.

Goal 2: Reduce Human Disease

To extend our knowledge of the pathobiology of heart, lung, blood, and sleep disorders and enable clinical investigations that advance the prediction, prevention, preemption, treatment, and cures of human disease.

Goal 3: Advance Translational Research

To facilitate innovation and accelerate research translation, knowledge dissemination, and implementation science that enhances public health.

Goal 4: Develop Workforce and Resources

To enable and develop a diverse biomedical workforce equipped with the essential research resources to pursue emerging opportunities in science.

Overview of Compelling Questions (CQs) and Critical Challenges (CCs)

Strategic Visioning Process Objective: Develop Compelling Questions and Critical Challenges

Objective: Develop **compelling questions (CQs)** and **critical challenges (CCs)** to guide the Institute's priorities, decision-making, and resource allocation over the next decade.

What is a Compelling Question?

A Compelling Question:

- Probes a **specific line of inquiry**
- Identifies a crucial **knowledge gap or opportunity**
- Transcends an individual investigator-initiated program
- **Requires NHLBI facilitation**
- Is **feasible** within the next decade

What is a Critical Challenge?

A Critical Challenge:

- Is a barrier or an impediment that hinders scientific progress

Overcoming a critical challenge:

- Requires **enabling tools, infrastructure or resources**
- Will result in **significant impact**
- Is **feasible** to overcome within the next decade

Illustrative CQs and CCs

Goal 1: Promote Human Health - To expand knowledge of the molecular and physiological mechanisms governing the normal function of heart, lung, blood, and sleep systems as essential elements for sustaining human health.

Illustrative Compelling Question

Compelling Question 1.1: What are the “protective” genetic variants that are associated with a resilient, healthy phenotype or that mediate an intrinsic “resistance” to the influence of risk factors that accelerate HLBS diseases throughout the human lifespan?

Illustrative Critical Challenge

Critical Challenge 1.1: There is a need for the NHLBI to catalyze the development of tools and shared data resources – the “Heart, Lung, and Blood Systems Biology Connectome” – that facilitates the systematic characterization of the dynamic changes in complex molecular interactions that sustain normal HLB system functions under various physiological conditions. This open resource would comprehensively catalogue these genomic, epigenomic, and metabolic pathways, as well as provide tools to systematically probe them.

Strategic Visioning Forum for Submission of CQs and CCs

Strategic Visioning Forum

Strategic Visioning Forum, a digital crowdsourcing tool, allows us to *gain the broadest input possible*.


Benefits of crowdsourcing

- Generate innovative ideas
- Get ideas from new and diverse sources
- Engagement of participants

NHLBI Strategic Visioning Website
Strategic Visioning Forum

The Strategic Visioning Forum will be a tool used to facilitate the ideation process in order to solicit internal stakeholder feedback.

Visit the Strategic Visioning Forum



register | log in



National Heart, Lung,
and Blood Institute

Strategic Visioning Forum

[Strategic Visioning main site](#) [SV Forum home](#)

Envisioning the NHLBI of 2025: Charting Our Future Together

Welcome to the NHLBI Strategic Visioning Forum! The Institute is using crowdsourcing to gather ideas for the most compelling scientific priorities in the NHLBI's [four strategic goals](#) (promote human health, reduce human disease, advance translational research, and develop workforce and resources) to address over the next decade.

How can I participate in the NHLBI strategic visioning process?

- [Browse all submissions](#)
- [Submit new Questions/Challenges](#)
- [Vote for Questions and Challenges](#)
- [Comment on Questions and Challenges](#)

If you need help navigating the Strategic Visioning Forum, you can refer to our [frequently asked questions](#) or using the NHLBI Strategic Vision Forum. For technical questions and feedback, please send an email to NHLBI_Vision@mail.nih.gov.

Recent

Popular

My Ideas

GOAL 1: PROMOTE HUMAN HEALTH

Emerging importance of RNA regulation

What are the roles of RNAs (e.g., microRNAs, long non-coding RNAs, etc.)

▲

1

vote

Submit New Question / Challenge

Quick Links

[NHLBI Strategic Visioning main page](#)

[Process overview](#)

[Strategic Visioning Forum FAQ](#)

[Strategic Visioning FAQ](#)

Key Events in NHLBI Strategic Visioning

Feb 6, 2015 – Video from Dr. Gibbons and draft Strategic Visioning Framework released

Feb 11, 2015 – Strategic Visioning Webinar

February 2015 – Strategic Visioning Town Hall

March 2015 – Strategic Visioning Town Hall 2

May 2015 – Deadline for submitting CQs and CCs

Questions?

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